

Iqbal Ahmad

List of Publications by Year in descending order

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200
papers

10,165
citations

50276

46
h-index

43889

91
g-index

232
all docs

232
docs citations

232
times ranked

10755
citing authors

#	ARTICLE	IF	CITATIONS
1	Screening of free-living rhizospheric bacteria for their multiple plant growth promoting activities. Microbiological Research, 2008, 163, 173-181.	5.3	1,124
2	Antimicrobial and phytochemical studies on 45 Indian medicinal plants against multi-drug resistant human pathogens. Journal of Ethnopharmacology, 2001, 74, 113-123.	4.1	787
3	Screening of some Indian medicinal plants for their antimicrobial properties. Journal of Ethnopharmacology, 1998, 62, 183-193.	4.1	595
4	Metal tolerance and biosorption potential of filamentous fungi isolated from metal contaminated agricultural soil. Bioresource Technology, 2007, 98, 2557-2561.	9.6	366
5	Recent Understanding of Soil Acidobacteria and Their Ecological Significance: A Critical Review. Frontiers in Microbiology, 2020, 11, 580024.	3.5	314
6	Sol-gel synthesis of thorn-like ZnO nanoparticles endorsing mechanical stirring effect and their antimicrobial activities: Potential role as nano-antibiotics. Scientific Reports, 2016, 6, 27689.	3.3	256
7	Inhibition of quorum sensing regulated bacterial functions by plant essential oils with special reference to clove oil. Letters in Applied Microbiology, 2009, 49, 354-360.	2.2	223
8	Brassinosteroids and their role in response of plants to abiotic stresses. Biologia Plantarum, 2014, 58, 9-17.	1.9	193
9	In vitro efficacy of bioactive extracts of 15 medicinal plants against ES ² L-producing multidrug-resistant enteric bacteria. Microbiological Research, 2007, 162, 264-275.	5.3	176
10	Environmental antimicrobial resistance and its drivers: a potential threat to public health. Journal of Global Antimicrobial Resistance, 2021, 27, 101-111.	2.2	150
11	Antibacterial Effect of Silver Nanoparticles Synthesized Using <i>Murraya koenigii</i> (L.) against Multidrug-Resistant Pathogens. Bioinorganic Chemistry and Applications, 2019, 2019, 1-11.	4.1	148
12	Broad spectrum antimutagenic activity of antioxidant active fraction of Punica granatum L. peel extracts. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2010, 703, 99-107.	1.7	138
13	Antibiofilm activity of certain phytochemicals and their synergy with fluconazole against Candida albicans biofilms. Journal of Antimicrobial Chemotherapy, 2012, 67, 618-621.	3.0	136
14	Effect of certain bioactive plant extracts on clinical isolates of β -lactamase producing methicillin resistant <i>Staphylococcus aureus</i> . Journal of Basic Microbiology, 2005, 45, 106-114.	3.3	132
15	Growth stimulation and alleviation of salinity stress to wheat by the biofilm forming <i>Bacillus pumilus</i> strain FAB10. Applied Soil Ecology, 2019, 143, 45-54.	4.3	129
16	Biogenic synthesis of Zinc oxide nanostructures from <i>Nigella sativa</i> seed: Prospective role as food packaging material inhibiting broad-spectrum quorum sensing and biofilm. Scientific Reports, 2016, 6, 36761.	3.3	128
17	Sub-MICs of <i>Mentha piperita</i> essential oil and menthol inhibits AHL mediated quorum sensing and biofilm of Gram-negative bacteria. Frontiers in Microbiology, 2015, 6, 420.	3.5	127
18	Quality Control, Screening, Toxicity, and Regulation of Herbal Drugs. , 0, , 25-57.		118

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19	Leaf Extracts of <i>Mangifera indica</i> L. Inhibit Quorum Sensing Regulated Production of Virulence Factors and Biofilm in Test Bacteria. <i>Frontiers in Microbiology</i> , 2017, 8, 727.	3.5	110
20	Influence of clove oil on certain quorum-sensing-regulated functions and biofilm of <i>Pseudomonas aeruginosa</i> and <i>Aeromonas hydrophila</i> . <i>Journal of Biosciences</i> , 2013, 38, 835-844.	1.1	108
21	Interaction of capsaicin with calf thymus DNA: A multi-spectroscopic and molecular modelling study. <i>International Journal of Biological Macromolecules</i> , 2017, 97, 392-402.	7.5	107
22	Antifungal activity of essential oils and their synergy with fluconazole against drug-resistant strains of <i>Aspergillus fumigatus</i> and <i>Trichophyton rubrum</i> . <i>Applied Microbiology and Biotechnology</i> , 2011, 90, 1083-1094.	3.6	102
23	Rutin inhibits mono and multi-species biofilm formation by foodborne drug resistant <i>Escherichia coli</i> and <i>Staphylococcus aureus</i> . <i>Food Control</i> , 2017, 79, 325-332.	5.5	100
24	Anti-candidal activity of essential oils alone and in combination with amphotericin B or fluconazole against multi-drug resistant isolates of <i>Candida albicans</i> . <i>Medical Mycology</i> , 2012, 50, 33-42.	0.7	96
25	In vitro antifungal, anti-elastase and anti-keratinase activity of essential oils of <i>Cinnamomum</i> -, <i>Syzygium</i> - and <i>Cymbopogon</i> -species against <i>Aspergillus fumigatus</i> and <i>Trichophyton rubrum</i> . <i>Phytomedicine</i> , 2011, 19, 48-55.	5.3	95
26	Flower-shaped ZnO nanoparticles synthesized by a novel approach at near-room temperatures with antibacterial and antifungal properties. <i>International Journal of Nanomedicine</i> , 2014, 9, 853.	6.7	94
27	Biofilm inhibition by <i>Cymbopogon citratus</i> and <i>Syzygium aromaticum</i> essential oils in the strains of <i>Candida albicans</i> . <i>Journal of Ethnopharmacology</i> , 2012, 140, 416-423.	4.1	84
28	Fluorescent <i>Pseudomonas</i> -FAP2 and <i>Bacillus licheniformis</i> interact positively in biofilm mode enhancing plant growth and photosynthetic attributes. <i>Scientific Reports</i> , 2019, 9, 4547.	3.3	84
29	Punicalagin and Ellagic Acid Demonstrate Antimutagenic Activity and Inhibition of Benzo[a]pyrene Induced DNA Adducts. <i>BioMed Research International</i> , 2014, 2014, 1-10.	1.9	83
30	Indian Medicinal Plants: A Potential Source for Anticandidal Drugs. <i>Pharmaceutical Biology</i> , 1999, 37, 237-242.	2.9	79
31	<i>Thymus vulgaris</i> essential oil and thymol inhibit biofilms and interact synergistically with antifungal drugs against drug resistant strains of <i>Candida albicans</i> and <i>Candida tropicalis</i> . <i>Journal De Mycologie Medicale</i> , 2020, 30, 100911.	1.5	79
32	Title is missing!. <i>World Journal of Microbiology and Biotechnology</i> , 2003, 19, 653-657.	3.6	75
33	Multi-spectroscopic and molecular modelling approach to investigate the interaction of riboflavin with human serum albumin. <i>Journal of Biomolecular Structure and Dynamics</i> , 2018, 36, 795-809.	3.5	74
34	Antibacterial properties of traditionally used Indian medicinal plants. <i>Methods and Findings in Experimental and Clinical Pharmacology</i> , 2007, 29, 79.	0.8	74
35	NiO/NiS Heterostructures: An Efficient and Stable Electrocatalyst for Oxygen Evolution Reaction. <i>ACS Applied Energy Materials</i> , 2019, 2, 3587-3594.	5.1	71
36	Antioxidant and antimutagenic activity of <i>Carum copticum</i> fruit extracts. <i>Toxicology in Vitro</i> , 2010, 24, 1243-1249.	2.4	70

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37	Understanding the mechanism of non-enzymatic glycation inhibition by cinnamic acid: an in vitro interaction and molecular modelling study. RSC Advances, 2016, 6, 65322-65337.	3.6	70
38	Phenyl aldehyde and propanoids exert multiple sites of action towards cell membrane and cell wall targeting ergosterol in <i>Candida albicans</i> . AMB Express, 2013, 3, 54.	3.0	68
39	Synthesis, characterization, and anticancer activity of Schiff bases. Journal of Biomolecular Structure and Dynamics, 2020, 38, 3246-3259.	3.5	68
40	Evaluation of anti-methicillin-resistant <i>Staphylococcus aureus</i> (MRSA) activity and synergy of some bioactive plant extracts. Biotechnology Journal, 2006, 1, 1093-1102.	3.5	60
41	Green synthesis of silver nanoparticles using <i>Carum copticum</i> : Assessment of its quorum sensing and biofilm inhibitory potential against gram negative bacterial pathogens. Microbial Pathogenesis, 2020, 144, 104172.	2.9	60
42	<i>Pseudomonas azotoformans</i> FAP5, a novel biofilm-forming PGPR strain, alleviates drought stress in wheat plant. International Journal of Environmental Science and Technology, 2021, 18, 3855-3870.	3.5	60
43	Eco-friendly green synthesis of dextrin based poly (methyl methacrylate) grafted silver nanocomposites and their antibacterial and antibiofilm efficacy against multi-drug resistance pathogens. Journal of Cleaner Production, 2019, 230, 1148-1155.	9.3	57
44	Synthesis of heterobimetallic complexes: In vitro DNA binding, cleavage and antimicrobial studies. Journal of Photochemistry and Photobiology B: Biology, 2012, 114, 108-118.	3.8	56
45	Doxycycline interferes with quorum sensing-mediated virulence factors and biofilm formation in Gram-negative bacteria. World Journal of Microbiology and Biotechnology, 2013, 29, 949-957.	3.6	55
46	<i>Trigonella foenum-graceum</i> (Seed) Extract Interferes with Quorum Sensing Regulated Traits and Biofilm Formation in the Strains of <i>Pseudomonas aeruginosa</i> and <i>Aeromonas hydrophila</i> . Evidence-based Complementary and Alternative Medicine, 2015, 2015, 1-10.	1.2	54
47	Broad-spectrum quorum sensing and biofilm inhibition by green tea against gram-negative pathogenic bacteria: Deciphering the role of phytocompounds through molecular modelling. Microbial Pathogenesis, 2019, 126, 379-392.	2.9	53
48	Biofilm Development, Plant Growth Promoting Traits and Rhizosphere Colonization by <i>Pseudomonas entomophila</i> ; FAP1: A Promising PGPR. Advances in Microbiology, 2018, 08, 235-251.	0.6	53
49	Low Temperature Synthesis of Superparamagnetic Iron Oxide (Fe ₃ O ₄) Nanoparticles and Their ROS Mediated Inhibition of Biofilm Formed by Food-Associated Bacteria. Frontiers in Microbiology, 2018, 9, 2567.	3.5	47
50	In vitro efficacy of eugenol in inhibiting single and mixed-biofilms of drug-resistant strains of <i>Candida albicans</i> and <i>Streptococcus mutans</i> . Phytomedicine, 2019, 54, 206-213.	5.3	47
51	New tailored substituted benzothiazole Schiff base Cu(II)/Zn(II) antitumor drug entities: effect of substituents on DNA binding profile, antimicrobial and cytotoxic activity. Journal of Biomolecular Structure and Dynamics, 2019, 37, 1863-1879.	3.5	47
52	Eugenol inhibits quorum sensing and biofilm of toxigenic MRSA strains isolated from food handlers employed in Saudi Arabia. Biotechnology and Biotechnological Equipment, 2017, 31, 387-396.	1.3	43
53	NiO nanoparticles for enhanced removal of methyl orange: equilibrium, kinetics, thermodynamic and desorption studies. International Journal of Environmental Analytical Chemistry, 2022, 102, 84-103.	3.3	42
54	In vitro interaction of cefotaxime with calf thymus DNA: Insights from spectroscopic, calorimetric and molecular modelling studies. Journal of Pharmaceutical and Biomedical Analysis, 2018, 149, 193-205.	2.8	41

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55	Brassinosteroid-mediated evaluation of antioxidant system and nitrogen metabolism in two contrasting cultivars of <i>Vigna radiata</i> under different levels of nickel. <i>Physiology and Molecular Biology of Plants</i> , 2014, 20, 449-460.	3.1	40
56	Enantiomeric in vitro DNA binding, pBR322 DNA cleavage and molecular docking studies of chiral l- and d-ternary copper(II) complexes of histidine and picolinic acid. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2014, 130, 170-178.	3.8	40
57	Screening of certain medicinal plants from India for their anti-quorum sensing activity. <i>Indian Journal of Experimental Biology</i> , 2010, 48, 1219-24.	0.0	40
58	Grafting and co-grafting of dyes on Cd-doped ZnS nanocrystals and their application on dye-sensitized solar cells. <i>Bulletin of Materials Science</i> , 2021, 44, 1.	1.7	40
59	Photosynthetic Efficiency of Plants of <i>Brassica Juncea</i> , Treated with Chlorosubstituted Auxins. <i>Photosynthetica</i> , 2001, 39, 565-568.	1.7	39
60	Evaluation of fluorescent <i>Pseudomonads</i> and <i>Bacillus</i> isolates for the biocontrol of a wilt disease complex of pigeonpea. <i>World Journal of Microbiology and Biotechnology</i> , 2005, 21, 729-732.	3.6	39
61	Antimicrobial, antioxidant, and antimutagenic activities of selected marine natural products and tobacco cembranoids. <i>Drug and Chemical Toxicology</i> , 2011, 34, 167-179.	2.3	39
62	Prevalence and Antibiotic Resistance Profiles of <i>Campylobacter jejuni</i> Isolated from Poultry Meat and Related Samples at Retail Shops in Northern India. <i>Foodborne Pathogens and Disease</i> , 2018, 15, 218-225.	1.8	39
63	Biofabrication of Zinc Oxide Nanoparticle from <i>Ochradenus baccatus</i> Leaves: Broad-Spectrum Antibiofilm Activity, Protein Binding Studies, and <i>In Vivo</i> Toxicity and Stress Studies. <i>Journal of Nanomaterials</i> , 2018, 2018, 1-14.	2.7	38
64	Emergence of ciprofloxacin-resistant extended-spectrum β -lactamase-producing enteric bacteria in hospital wastewater and clinical sources. <i>Journal of Global Antimicrobial Resistance</i> , 2016, 5, 22-25.	2.2	35
65	Plant growth promoting potential of free-living diazotrophs and other rhizobacteria isolated from Northern Indian soil. <i>Biotechnology Journal</i> , 2006, 1, 1112-1123.	3.5	34
66	Broad-spectrum inhibitory effect of green synthesised silver nanoparticles from <i>Withania somnifera</i> (L.) on microbial growth, biofilm and respiration: a putative mechanistic approach. <i>IET Nanobiotechnology</i> , 2018, 12, 325-335.	3.8	34
67	Glyburide inhibits non-enzymatic glycation of HSA: An approach for the management of AGEs associated diabetic complications. <i>International Journal of Biological Macromolecules</i> , 2021, 169, 143-152.	7.5	34
68	Multidrug resistance and transferability of bla CTX-M among extended-spectrum β -lactamase-producing enteric bacteria in biofilm. <i>Journal of Global Antimicrobial Resistance</i> , 2016, 6, 142-149.	2.2	32
69	Antioxidant and antimutagenic potential of <i>Psidium guajava</i> leaf extracts. <i>Drug and Chemical Toxicology</i> , 2017, 40, 146-153.	2.3	32
70	Anti-quorum Sensing and Anti-biofilm Activity of Zinc Oxide Nanospikes. <i>ACS Omega</i> , 2020, 5, 32203-32215.	3.5	32
71	Title is missing!. <i>World Journal of Microbiology and Biotechnology</i> , 2000, 16, 841-844.	3.6	31
72	In vitro fungitoxicity of the essential oil of <i>Syzygium aromaticum</i> . <i>World Journal of Microbiology and Biotechnology</i> , 2002, 18, 317-319.	3.6	30

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73	An improved in vitro encapsulation protocol, biochemical analysis and genetic integrity using DNA based molecular markers in regenerated plants of <i>Withania somnifera</i> L. <i>Industrial Crops and Products</i> , 2013, 50, 468-477.	5.2	30
74	Antioxidant Capacity and Antimutagenic Potential of <i>Murraya koenigii</i> . <i>BioMed Research International</i> , 2013, 2013, 1-10.	1.9	30
75	In vitro detection of pathogenic <i>Listeria monocytogenes</i> from food sources by conventional, molecular and cell culture method. <i>Brazilian Journal of Microbiology</i> , 2013, 44, 751-758.	2.0	30
76	Sub-MICs of <i>Carum copticum</i> and <i>Thymus vulgaris</i> influence virulence factors and biofilm formation in <i>Candida</i> spp. <i>BMC Complementary and Alternative Medicine</i> , 2014, 14, 337.	3.7	30
77	Broad-spectrum inhibition of AHL-regulated virulence factors and biofilms by sub-inhibitory concentrations of ceftazidime. <i>RSC Advances</i> , 2016, 6, 27952-27962.	3.6	30
78	Silver decorated 2D nanosheets of GO and MoS ₂ serve as nanocatalyst for water treatment and antimicrobial applications as ascertained with molecular docking evaluation. <i>Nanotechnology</i> , 2021, 32, 255704.	2.6	30
79	Dye degradation, antibacterial and in-silico analysis of Mg/cellulose-doped ZnO nanoparticles. <i>International Journal of Biological Macromolecules</i> , 2021, 185, 153-164.	7.5	30
80	Virulence and Pathogenicity of Fungal Pathogens with Special Reference to <i>Candida albicans</i> . , 2010, , 21-45.		30
81	Synergistic interaction of eugenol and antimicrobial drugs in eradication of single and mixed biofilms of <i>Candida albicans</i> and <i>Streptococcus mutans</i> . <i>AMB Express</i> , 2020, 10, 185.	3.0	30
82	Biosorption of Ni, Cr and Cd by metal tolerant <i>Aspergillus niger</i> and <i>Penicillium</i> sp. using single and multi-metal solution. <i>Indian Journal of Experimental Biology</i> , 2006, 44, 73-6.	0.0	30
83	Inhibitory effect of vitamin B ₃ against glycation and reactive oxygen species production in HSA: An in vitro approach. <i>Archives of Biochemistry and Biophysics</i> , 2017, 627, 21-29.	3.0	28
84	Biofabrication of Gold Nanoparticles Using <i>Capsicum annum</i> Extract and Its Antiquorum Sensing and Antibiofilm Activity against Bacterial Pathogens. <i>ACS Omega</i> , 2021, 6, 16670-16682.	3.5	28
85	Antimutagenic activity of methanolic extracts of four ayurvedic medicinal plants. <i>Indian Journal of Experimental Biology</i> , 2008, 46, 668-72.	0.0	28
86	Seed Extract of <i>Psoralea corylifolia</i> and Its Constituent Bakuchiol Impairs AHL-Based Quorum Sensing and Biofilm Formation in Food- and Human-Related Pathogens. <i>Frontiers in Cellular and Infection Microbiology</i> , 2018, 8, 351.	3.9	27
87	Mechanism of non-enzymatic antiglycation action by coumarin: a biophysical study. <i>New Journal of Chemistry</i> , 2019, 43, 12823-12835.	2.8	26
88	Coumarin Exhibits Broad-Spectrum Antibiofilm and Antiquorum Sensing Activity against Gram-Negative Bacteria: In Vitro and In Silico Investigation. <i>ACS Omega</i> , 2021, 6, 18823-18835.	3.5	26
89	Modulation of quorum sensing controlled behaviour of bacteria by growing seedling, seed and seedling extracts of leguminous plants. <i>Indian Journal of Microbiology</i> , 2010, 50, 238-242.	2.7	25
90	Rhizosphere and Root Colonization by Bacterial Inoculants and Their Monitoring Methods: A Critical Area in PGPR Research. , 2011, , 363-391.		25

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91	Biofabricated silver nanoparticles exhibit broad-spectrum antibiofilm and anti-quorum sensing activity against Gram-negative bacteria. <i>RSC Advances</i> , 2021, 11, 13700-13710.	3.6	24
92	Arthroconidial formation in <i>Trichophyton raubitschekii</i> . <i>Arthrokonidienbildung bei Trichophyton raubitschekii</i> . <i>Mycoses</i> , 2003, 46, 304-310.	4.0	23
93	Synthesis and antimicrobial evaluation of fatty chain substituted 2,5-dimethyl pyrrole and 1,3-benzoxazin-4-one derivatives. <i>Journal of Saudi Chemical Society</i> , 2017, 21, S394-S402.	5.2	23
94	Biosynthesized Zinc Oxide Nanoparticles Disrupt Established Biofilms of Pathogenic Bacteria. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 710.	2.5	23
95	Incidence and transferability of antibiotic resistance in the enteric bacteria isolated from hospital wastewater. <i>Brazilian Journal of Microbiology</i> , 2013, 44, 799-806.	2.0	22
96	<i>Carum copticum</i> and <i>Thymus vulgaris</i> oils inhibit virulence in <i>Trichophyton rubrum</i> and <i>Aspergillus</i> spp. <i>Brazilian Journal of Microbiology</i> , 2014, 45, 523-531.	2.0	21
97	Isolation, functional characterization and efficacy of biofilm-forming rhizobacteria under abiotic stress conditions. <i>Antonie Van Leeuwenhoek</i> , 2019, 112, 1827-1839.	1.7	21
98	Bioactive Phytocompounds: New Approaches in the Phytosciences. , 0, , 1-24.		20
99	Bioactive compounds from <i>Punica granatum</i> , <i>Curcuma longa</i> and <i>Zingiber officinale</i> and their therapeutic potential. <i>Drugs of the Future</i> , 2008, 33, 0329.	0.1	20
100	A comparative analyses of bioactive Cu(II) complexes using Hirshfeld surface and density functional theory (DFT) methods: DNA binding studies, cleavage and antibiofilm activities. <i>Inorganica Chimica Acta</i> , 2016, 453, 193-201.	2.4	20
101	Microwave-assisted solvent-free synthesis of biologically active novel heterocycles from 3-formylchromones. <i>Medicinal Chemistry Research</i> , 2011, 20, 1473-1481.	2.4	19
102	Study of pyridoxamine against glycation and reactive oxygen species production in human serum albumin as model protein: An in vitro & ex vivo approach. <i>International Journal of Biological Macromolecules</i> , 2018, 120, 1734-1743.	7.5	19
103	Plant growth promoting attributes and alleviation of salinity stress to wheat by biofilm forming <i>Brevibacterium</i> sp. FAB3 isolated from rhizospheric soil. <i>Saudi Journal of Biological Sciences</i> , 2018, , .	3.8	19
104	Plumbagin inhibits quorum sensing-regulated virulence and biofilms of Gram-negative bacteria: in vitro and in silico investigations. <i>Biofouling</i> , 2021, 37, 724-739.	2.2	18
105	Antioxidant, antibacterial, and antimutagenic activity of <i>Piper nigrum</i> seeds extracts. <i>Saudi Journal of Biological Sciences</i> , 2021, 28, 5094-5105.	3.8	18
106	Recent Progress in Metal-Microbe Interactions: Prospects in Bioremediation. <i>Journal of Pure and Applied Microbiology</i> , 2019, 13, 13-26.	0.9	18
107	In vitro and In vivo biofilm formation by <i>Azotobacter</i> isolates and its relevance to rhizosphere colonization. <i>Rhizosphere</i> , 2017, 3, 138-142.	3.0	17
108	Prevalence of antibiotic resistance and virulence factors encoding genes in clinical <i>Staphylococcus aureus</i> isolates in Saudi Arabia. <i>Clinical Epidemiology and Global Health</i> , 2017, 5, 196-202.	1.9	17

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109	Genotoxicity inhibition by <i>Syzygium cumini</i> (L.) seed fraction and rutin: understanding the underlying mechanism of DNA protection. <i>Toxicology Research</i> , 2018, 7, 156-171.	2.1	17
110	Mesoporous Ce ₂ Zr ₂ O ₇ /PbS Nanocomposite with an Excellent Supercapacitor Electrode Performance and Cyclic Stability. <i>ChemistrySelect</i> , 2019, 4, 655-661.	1.5	17
111	Prospects of Essential Oils in Controlling Pathogenic Biofilm. , 2019, , 203-236.		17
112	Syntheses, Physico-Chemical Studies and Antioxidant Activities of Transition Metal Complexes with a Perimidine Ligand. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2012, 638, 881-886.	1.2	16
113	Facile Synthesis of Tin Oxide Hollow Nanoflowers Interfering with Quorum Sensing-Regulated Functions and Bacterial Biofilms. <i>Journal of Nanomaterials</i> , 2018, 2018, 1-11.	2.7	16
114	Bioactive extracts of <i>Carum copticum</i> and thymol inhibit biofilm development by multidrug-resistant extended spectrum β -lactamase producing enteric bacteria. <i>Biofouling</i> , 2019, 35, 1026-1039.	2.2	16
115	Bioactive extracts of <i>Carum copticum</i> L. enhances efficacy of ciprofloxacin against MDR enteric bacteria. <i>Saudi Journal of Biological Sciences</i> , 2019, 26, 1848-1855.	3.8	16
116	Antifungal Activity of Medicinal Plant Extracts and Phytocompounds: A Review. , 2010, , 449-484.		15
117	Title is missing!. <i>World Journal of Microbiology and Biotechnology</i> , 2001, 17, 379-384.	3.6	14
118	Interference of phosphane copper (I) complexes of β -carboline with quorum sensing regulated virulence functions and biofilm in foodborne pathogenic bacteria: A first report. <i>Saudi Journal of Biological Sciences</i> , 2019, 26, 308-316.	3.8	14
119	Bio-fabrication of titanium oxide nanoparticles from <i>Ochradenus arabicus</i> to obliterate biofilms of drug-resistant <i>Staphylococcus aureus</i> and <i>Pseudomonas aeruginosa</i> isolated from diabetic foot infections. <i>Applied Nanoscience (Switzerland)</i> , 2021, 11, 375-387.	3.1	14
120	Multifarious functional traits of free-living rhizospheric fungi, with special reference to <i>Aspergillus</i> spp. isolated from North Indian soil, and their inoculation effect on plant growth. <i>Annals of Microbiology</i> , 2021, 71, .	2.6	13
121	Medicinal Plants and Phytocompounds: A Potential Source of Novel Antibiofilm Agents. <i>Springer Series on Biofilms</i> , 2014, , 205-232.	0.1	13
122	Potential of Nanoparticles in Combating <i>Candida</i> Infections. <i>Letters in Drug Design and Discovery</i> , 2019, 16, 478-491.	0.7	13
123	<i>In silico</i> screening and <i>in vitro</i> validation of phytocompounds as multidrug efflux pump inhibitor against <i>E. coli</i> . <i>Journal of Biomolecular Structure and Dynamics</i> , 2023, 41, 2189-2201.	3.5	13
124	Methods for Testing the Antimicrobial Activity of Extracts. , 0, , 157-171.		12
125	Plant Extracts Used to Manage Bacterial, Fungal, and Parasitic Infections in Southern Africa. , 0, , 97-121.		12
126	Effect of PGRs in adventitious root culture in vitro: present scenario and future prospects. <i>Rendiconti Lincei</i> , 2015, 26, 307-321.	2.2	12

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127	Myrtus communis and its bioactive phytoconstituent, linalool, interferes with Quorum sensing regulated virulence functions and biofilm of uropathogenic bacteria: In vitro and in silico insights. Journal of King Saud University - Science, 2021, 33, 101588.	3.5	12
128	CHARACTERIZATION OF PAENIBACILLUS DURUS (PNF16) A NEW ISOLATE AND ITS SYNERGISTIC INTERACTION WITH OTHER ISOLATED RHIZOBACTERIA IN PROMOTING GROWTH AND YIELD OF CHICKPEA. Journal of Microbiology, Biotechnology and Food Sciences, 2016, 5, 345-350.	0.8	12
129	Isolation and characterization of resistance traits of indigenous strains of Acetobacter diazotrophicus associated with sugarcane. Sugar Tech, 2004, 6, 41-46.	1.8	11
130	Naringin inhibits the biofilms of metallo-β-lactamases (MβLs) producing Pseudomonas species isolated from camel meat. Saudi Journal of Biological Sciences, 2021, 28, 333-341.	3.8	11
131	Diversity and Applications of Penicillium spp. in Plant-Growth Promotion. , 2018, , 261-276.		10
132	Quorum sensing inhibitors from natural products as potential novel anti-infective agents. Drugs of the Future, 2013, 38, 691.	0.1	10
133	Heavy Metal Tolerance Among Free-living Fungi Isolated from Soil Receiving Long Term Application of Wastewater. Journal of Pure and Applied Microbiology, 2020, 14, 157-170.	0.9	10
134	Synthesis, biological screening of novel long chain derivatives of 1,3-disubstituted-1H-pyrazol-5(4H)-one and 2-substituted-3H-1,4-phthalazin-1,4-dione: Structure-activity relationship studies. Journal of King Saud University - Science, 2014, 26, 290-299.	3.5	9
135	Quorum Sensing in Plant Growth-Promoting Rhizobacteria and Its Impact on Plant-Microbe Interaction. , 2017, , 311-331.		9
136	Antioxidant properties and anti-mutagenic potential of Piper Cubeba fruit extract and molecular docking of certain bioactive compounds. Drug and Chemical Toxicology, 2018, 41, 358-367.	2.3	9
137	Nanoparticles as Quorum Sensing Inhibitor: Prospects and Limitations. , 2018, , 227-244.		9
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